



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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### KANSAS, Southeast

#### Lincoln County

2.5 NE Lincoln to 3.5 N Lincoln	01	1534CST 1538CST	1	75	0	0		Tornado (F0)
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Touched down in open country

#### Saline County

Assaria	01	1900CST 2200CST			0	0		Flash Flood
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Basement of one home flooded to depth of 8 feet when the town received a staggering 5.25 inches of rain (4.5 inches in one hour). All items in the basement, which was used for storage, were damaged with some items destroyed. The flooding severed electricity to the home resulting in the family's evacuation. The home was located in a low, poor drainage area, a "catch-all" for the town's rain water. Times are approximations. (Narrative courtesy of Daily Union, Junction City, and The Salina Journal)

#### Mcperson County

Moundridge	04	0115CST			0	0		Hail(0.75)
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#### Reno County

Nickerson	04	0117CST			0	0		Hail(1.00)
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#### Harvey County

Hesston	04	0122CST			0	0		Hail(0.75)
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#### Butler County

6 N Benton	04	0208CST			0	0		Thunderstorm Wind (EG52)
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#### Sedgwick County

Derby	04	0220CST			0	0	125K	Thunderstorm Wind (EG56)
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Damage was reported to several roofs.

#### Sedgwick County

Wichita	04	0229CST			0	0		Hail(0.88)
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Reported by KSNW.

#### Sedgwick County

2 E Wichita	04	0234CST			0	0		Hail(0.88)
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#### Sedgwick County

Mc Connell Afb	04	0238CST			0	0		Thunderstorm Wind (MG62)
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#### Sedgwick County

3 SE Wichita	04	0238CST			0	0		Hail(1.75)
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#### Butler County

Andover	04	0250CST			0	0		Hail(0.88)
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#### Sedgwick County

Derby	04	0317CST			0	0		Hail(0.75)
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#### Butler County

Rose Hill	04	0329CST			0	0		Hail(0.88)
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#### Elk County

Elk Falls	04	0410CST			0	0		Thunderstorm Wind (EG52)
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#### Chautauqua County

Cedar Vale	04	0423CST			0	0		Thunderstorm Wind (EG52)
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#### Montgomery County

Elk City	04	0426CST			0	0		Hail(0.75)
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#### Montgomery County

Independence	04	0449CST			0	0		Hail(0.88)
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#### Montgomery County

Independence	04	0452CST			0	0		Hail(1.75)
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					Killed	Injured	Property	Crops	
<u><b>KANSAS, Southeast</b></u>									
Labette County Altamont	04	0508CST			0	0			Hail(1.00)
Labette County Mound Vly	04	0520CST			0	0			Thunderstorm Wind (EG52)
Russell County 4 W Russell	04	2049CST			0	0			Hail(1.00)
Russell County 5 SW Russell Arpt	04	2100CST			0	0			Hail(0.88)
Reno County 7 S Hutchinson	04	2120CST			0	0			Hail(1.00)
Reno County Hutchinson	04	2124CST			0	0			Hail(0.75)
Mcperson County 1 N Inman	04	2135CST			0	0			Hail(0.75)
Butler County Douglass	04	2241CST			0	0			Thunderstorm Wind (EG52)
Butler County 4 E Potwin	04	2245CST			0	0			Thunderstorm Wind (EG52)
Butler County 8 N El Dorado	04	2259CST			0	0			Thunderstorm Wind (EG52)
Kingman County Spivey	05	0052CST			0	0			Thunderstorm Wind (EG52)
Kingman County 2 SE Rago	05	0103CST			0	0			Thunderstorm Wind (EG56)
Sedgwick County Maize	05	0116CST			0	0			Hail(0.75)
Sedgwick County Wichita	05	0119CST Occurred in West Wichita at 2900 N. Ridge Rd.			0	0			Thunderstorm Wind (EG52)
Sedgwick County Wichita	05	0120CST Occurred at Central Ave/Ridge Rd. intersection.			0	0			Hail(0.88)
Sedgwick County Park City	05	0127CST Occurred at 53rd St. N.			0	0			Hail(1.75)
Sedgwick County Wichita	05	0128CST Measured at Mid-Continent Airport.			0	0			Thunderstorm Wind (MG51)
Butler County 8 W Towanda	05	0135CST			0	0			Hail(1.00)
Butler County 3 E Rose Hill	05	0155CST			0	0			Hail(1.00)
Elk County Howard	05	0254CST			0	0			Thunderstorm Wind (EG52)
Greenwood County Madison	05	0255CST			0	0			Hail(0.75)
Woodson County Yates Center	05	0323CST			0	0			Thunderstorm Wind (EG52)



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<b><u>KANSAS, Southeast</u></b>									
<b>Wilson County</b>									
Benedict	05	0330CST			0	0			Hail(0.75)
<b>Woodson County</b>									
13 ESE Yates Center	05	0340CST			0	0			Hail(0.75)
<b>Cowley County</b>									
Arkansas City	05	0345CST			0	0	25K		Lightning
House sustained major, but unspecified damage to upstairs attic. Fire crews fought the blaze for 2 hours. (Narrative courtesy of Arkansas City Traveler.)									
<b>Neosho County</b>									
Chanute	05	0353CST			0	0	5K		Thunderstorm Wind (EG61)
Downed power lines. Speed estimated per 0357 CST report from 3N Erie.									
<b>Neosho County</b>									
Galesburg	05	0353CST			0	0	10K		Thunderstorm Wind (EG61)
Storage shed the size of a 3-car garage destroyed, with parts of the shed thrown onto elementary school grounds nearly one block away. An aluminum boat stored inside the shed was also thrown, with the boat blown into the windshield of a vehicle owned by the school. (Speed estimated per 0357 CST report from 3N Erie. Damage estimate a rough approximation with owners of the shed and it's contents waiting for damage assessment from their insurance company. Narrative details courtesy of Parsons Sun)									
<b>Labette County</b>									
Oswego	05	0355CST			0	0	1M		Thunderstorm Wind (EG56)
Barn sustained minor roof damage with trees uprooted in it's immediate vicinity. (Narrative courtesy of Parsons Sun.) Approximately 180 homes damaged, the magnitude ranging from minor to a few that were considered "totaled" by insurance adjusters. The following town property sustained damage: The golf course club house, the roofs of an unspecified number of buildings, fencing at the summer ball field, the electrical circuitry at Riverside Park, and the former Tee Top building. Governor Sebelius declared Labette County a disaster area. (Latter portion of narrative courtesy of Oswego Independent Observer.)									
<b>Neosho County</b>									
3 N Erie	05	0357CST			0	0			Thunderstorm Wind (EG61)
<b>Barton County</b>									
4 N Albert	05	2236CST			0	0			Thunderstorm Wind (EG52)
<b>Russell County</b>									
Luray	05	2241CST			0	0			Thunderstorm Wind (MG58)
KSN Weatherlab.									
<b>Russell County</b>									
Russell	05	2241CST			0	0			Thunderstorm Wind (MG53)
<b>Lincoln County</b>									
5 SW Sylvan Grove	05	2311CST			0	0			Hail(0.75)
<b>Lincoln County</b>									
5 SW Sylvan Grove	05	2311CST			0	0			Thunderstorm Wind (EG52)
<b>Rice County</b>									
5 SW Bushton	05	2320CST			0	0			Hail(0.75)
<b>Rice County</b>									
5 SW Bushton	05	2320CST			0	0			Thunderstorm Wind (EG52)
<b>Lincoln County</b>									
8 W Lincoln	05	2326CST			0	0			Thunderstorm Wind (EG52)
<b>Ellsworth County</b>									
4 W Ellsworth	05	2334CST			0	0			Thunderstorm Wind (EG52)



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					Killed	Injured		Crops	Character of Storm		
<u>KANSAS, Southeast</u>											
Ellsworth County 2 N Terra Cotte	06	0005CST			0	0			Thunderstorm Wind (EG52)		
Ellsworth County 2 N Terra Cotte	06	0005CST			0	0	5K		Thunderstorm Wind (EG52)		
Downed power lines.											
Mcpheerson County 5 W Mc Pherson	06	0011CST			0	0			Thunderstorm Wind (EG52)		
Saline County 2 NW Brookville	06	0011CST			0	0			Thunderstorm Wind (EG52)		
Saline County Salina	06	0022CST			0	0			Thunderstorm Wind (MG63)		
Mcpheerson County Lindsborg	06	0025CST			0	0			Thunderstorm Wind (MG50)		
KSN Weatherlab, Lindsborg Middle School											
Marion County 1 S Hillsboro	06	0106CST			0	0			Thunderstorm Wind (EG52)		
Harper County 4 S Harper	06	0142CST			0	0			Thunderstorm Wind (EG52)		
Cowley County Winfield	06	0253CST			0	0			Thunderstorm Wind (MG57)		
Strother Field.											
Cowley County Arkansas City	06	0255CST			0	0			Thunderstorm Wind (EG56)		
Numerous trees uprooted across town.											
Cowley County 5 W Arkansas City	06	0256CST			0	0			Thunderstorm Wind (EG56)		
Chautauqua County Cedar Vale	06	0345CST			0	0			Thunderstorm Wind (EG52)		
Elk County Elk Falls	06	0402CST			0	0			Thunderstorm Wind (EG52)		
Ellsworth County 7 N Ellsworth	07	1546CST			0	0			Hail(0.75)		
Lincoln County 5 SW Sylvan Grove	07	1548CST			0	0			Hail(0.88)		
Lincoln County 5 ENE Sylvan Grove	07	1607CST			0	0			Thunderstorm Wind (EG52)		
Lincoln County Lincoln	07	1610CST			0	0			Thunderstorm Wind (EG52)		
Lincoln County Lincoln	07	1632CST			0	0			Hail(1.00)		
Lincoln County Lincoln	07	1635CST			0	0			Hail(1.75)		
Russell County 5 SE Waldo	07	1635CST			0	0			Hail(0.88)		
Lincoln County 2 NW Lincoln	07	1648CST			0	0			Hail(1.25)		
Lincoln County 1 SE Lincoln	07	1650CST			0	0			Hail(1.75)		



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<u>KANSAS, Southeast</u>									
Lincoln County 5 NNE Lincoln	07	1655CST			0	0			Hail(1.00)
Lincoln County 1 N Lincoln	07	1704CST			0	0			Hail(2.00)
Russell County Waldo	07	1708CST			0	0			Thunderstorm Wind (EG52)
Numerous tree limbs were blown down.									
Russell County 1 N Waldo	07	1713CST			0	0			Hail(1.75)
Russell County Waldo	07	1717CST			0	0			Thunderstorm Wind (EG56)
Russell County Luray	07	1720CST			0	0			Hail(1.75)
Russell County Luray	07	1720CST			0	0			Thunderstorm Wind (EG52)
Russell County Gorham	07	1729CST			0	0			Hail(1.00)
Russell County 5 SSE Luray	07	1732CST			0	0			Hail(1.75)
Russell County 5 SSE Luray	07	1732CST			0	0			Thunderstorm Wind (EG61)
Lincoln County 2 W Barnard	07	1752CST			0	0			Thunderstorm Wind (EG52)
Russell County 5 SW Luray to 4.5 SW Luray	07	1755CST 1756CST	0.5	75	0	0			Tornado (F0)
Brief touchdown in open country.									
Russell County 1 N Gorham to 1.5 N Gorham	07	1759CST 1800CST	0.5	75	0	0			Tornado (F0)
Brief touchdown in open country.									
Russell County Luray	07	1759CST			0	0			Thunderstorm Wind (EG52)
Russell County 2 N Gorham	07	1800CST			0	0			Hail(2.50)
Russell County 5.5 SW Luray to 5 SW Luray	07	1805CST 1806CST	0.5	75	0	0			Tornado (F0)
Brief touchdown in open country.									
Russell County 3 W Russell	07	1806CST			0	0			Hail(1.00)
Russell County Luray	07	1821CST			0	0			Thunderstorm Wind (EG61)
Russell County 3 SE Russell to 3.5 SE Russell	07	1845CST 1847CST	0.5	75	0	0			Tornado (F0)
Brief touchdown in open country.									
Russell County 5 SSE Russell to 5.5 SSE Russell	07	1853CST 1854CST	0.5	75	0	0			Tornado (F0)
Brief touchdown in open country.									



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<b><u>KANSAS, Southeast</u></b>								
<b>Russell County</b> 5 SE Russell to 5.5 SE Russell	07	1856CST 1857CST	0.5	75	0	0		Tornado (F0)
								Brief touchdown in open country.
<b>Russell County</b> 4 SE Russell to 4.5 SE Russell	07	1903CST 1904CST	0.5	75	0	0		Tornado (F0)
								Brief touchdown in open country.
<b>Russell County</b> 12 S Russell to 12.5 S Russell	07	1910CST 1911CST	0.5	75	0	0		Tornado (F0)
								Brief touchdown in open country.
<b>Russell County</b> 8 SSW Bunker Hill to 7.5 SSW Bunker Hill	07	1915CST 1917CST	0.7	100	0	0	50K	Tornado (F0)
								Damage caused to barn.
<b>Russell County</b> 10 S Russell to 10.5 S Russell	07	1915CST 1916CST	0.5	75	0	0		Tornado (F0)
								Brief touchdown in open country.
<b>Russell County</b> 7 SE Russell to 7.5 SE Russell	07	1923CST 1924CST	0.5	75	0	0		Tornado (F0)
								Brief touchdown in open country.
<b>Russell County</b> 8 SSW Bunker Hill to 9 SSW Bunker Hill	07	1930CST 1932CST	0.9	100	0	0	75K	Tornado (F0)
								This was a second tornado that hit the same farmstead. The first one hit the barn across the road, and this one did some damage to trees and tore a few shingles off the roof of the home. Some small barns were also damaged.
<b>Russell County</b> 9 S Russell to 9 SE Russell	07	1930CST 1933CST	1.5	125	0	0	100K	Tornado (F1)
								Two homes damaged, one of which was unroofed, numerous outbuildings, as well as damage to several trees. (Lucas-Sylvan News contributed greatly to this narrative.)
<b>Russell County</b> 7 SSE Russell to 6.5 SSE Russell	07	1934CST 1935CST	0.5	75	0	0		Tornado (F0)
								Brief touchdown in open country.
<b>Russell County</b> 7 S Russell	07	1937CST 1938CST	0.5	75	0	0		Tornado (F0)
								Brief touchdown in open country.
<b>Russell County</b> Gorham	07	1940CST			0	2	25K	Thunderstorm Wind (EG61)
								Five semi-trailers overturned on I-70, with two of the drivers taken to a hospital. (Narrative courtesy of Great Bend Tribune)
<b>Russell County</b> 6 NW Milberger	07	1940CST			0	0		Thunderstorm Wind (EG70)
<b>Barton County</b> 3 N Susank to 3.5 N Susank	07	1944CST 1945CST	0.5	75	0	0		Tornado (F0)
								Brief touchdown in open country.



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<b><u>KANSAS, Southeast</u></b>									
Barton County 4 WNW Galatia	07	1955CST			0	0			Thunderstorm Wind (EG52)
Barton County 3 N Galatia	07	1958CST			0	0			Thunderstorm Wind (EG61)
Barton County 3 NW Galatia to 3.5 NW Galatia	07	2003CST 2004CST	0.5	75	0	0			Tornado (F0)
		Brief touchdown in open country.							
Russell County 1 S Russell	07	2008CST 2130CST			0	0			Flash Flood
		Water was being reported over Interstate 70 as well as several city streets in Russell.							
Barton County 1 N Olmitz to 1.5 N Olmitz	07	2013CST 2014CST	0.5	75	0	0			Tornado (F0)
		Brief touchdown in open country.							
Barton County 1 S Hoisington to 1.5 S Hoisington	07	2027CST 2028CST	0.5	75	0	0			Tornado (F0)
		Brief touchdown in open country.							
Barton County Olmitz	07	2027CST			0	0			Thunderstorm Wind (EG56)
Barton County 2 N Olmitz	07	2059CST			0	0	20K		Thunderstorm Wind (EG56)
		A total of 29 power poles and their associated power lines blown down along Highway K-4 from 2 miles north of Olmitz west to the Rush County line. In Olmitz, power lines were also blown down as was a carport. (Narrative courtesy of Great Bend Tribune.							
Barton County 6 WSW Great Bend	07	2100CST			0	0			Hail(1.25)
Barton County 6 WSW Great Bend	07	2100CST			0	0			Thunderstorm Wind (EG61)
Barton County 4 NW Great Bend	07	2115CST			0	0			Thunderstorm Wind (EG56)
Rice County 5 SSW Bushton	07	2138CST			0	0			Thunderstorm Wind (EG52)
Woodson County 3 E Toronto	08	1000CST			0	0			Hail(0.75)
Woodson County 3 E Toronto	08	1000CST			0	0			Thunderstorm Wind (EG52)
Woodson County 2 W Yates Center	08	1045CST 1300CST			0	0			Flash Flood
		Water was reported over highway 54.							
Greenwood County 2 E Madison	08	1209CST 1300CST			0	0			Flash Flood
		Water was reported over highway 57.							
Lincoln County 4 NW Ash Grove	09	0100CST			0	0			Thunderstorm Wind (EG52)
Russell County Luray	09	0105CST			0	0			Thunderstorm Wind (EG50)



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<b><u>KANSAS, Southeast</u></b>								
Lincoln County								
10 N Lincoln	09	0110CST			0	0		
								Thunderstorm Wind (EG52)
Greenwood County								
3 SW Hamilton	09	0547CST			0	0		
								Hail(0.75)
Marion County								
2 N Peabody	22	1615CST			0	0		
								Hail(0.75)
Marion County								
1 W Peabody	22	1616CST			0	0		
								Thunderstorm Wind (EG56)
Marion County								
Peabody	22	1629CST			0	0		
								Hail(0.75)
Marion County								
Peabody	22	1629CST			0	0		
								Thunderstorm Wind (EG52)
Mcperson County								
7 N Mc Pherson	22	1657CST			0	0		
								Thunderstorm Wind (EG56)
Mcperson County								
Canton	22	1700CST			0	0		
								Hail(2.00)
Mcperson County								
Canton	22	1700CST			0	0		
								Thunderstorm Wind (EG52)
Mcperson County								
7 N Mc Pherson	22	1705CST			0	0		
								Hail(1.00)
Mcperson County								
7 N Mc Pherson	22	1716CST			0	0		
								Hail(1.00)
Rice County								
2 S Sterling	22	1720CST			0	0		
								Thunderstorm Wind (EG56)
At one residence, 27-year old apple tree uprooted, with roof losing numerous shingles. One mile to the west of this same residence, a mobile home was shifted and two outbuildings were destroyed. (This portion of narrative courtesy of Sterling Bulletin.) In addition, 8-inch diameter limb downed.								
Labette County								
2 NW Bartlett	23	1640CST			0	0		
								Thunderstorm Wind (EG52)
Butler County								
Countywide	23 24	2335CST 0500CST			0	0		
								Flash Flood
Widespread flooding of county roads occurred throughout the night. The following roads/intersections were closed: In Augusta: A low-water bridge near the SW 130th/Tawakoni Road intersection, where flooding was quite turbulent. In El Dorado: North Main Street between 12th Street and McCollum Road. Flooding also overflowed City Lake Dam. One vehicle rescue was required near Rose Hill. (Parts of narrative courtesy of Augusta Daily Gazette and El Dorado Times.)								
Marion County								
Countywide	24	0154CST 0650CST			0	0		
								Flash Flood
Widespread rainfalls of 6-10 inches caused major flooding across Marion County. In Peabody, ten residents required evacuation. In Hillsboro, four paved roads were closed: Indigo, Kanza, Nighthawk, and Sunflower. In Central Marion County, almost midway between Pilsen and Highway 56, 3 people were rescued from their car after it hydroplaned and went into a ditch. Approximately 40 campers at three sites, French Creek, Hillsboro, and Cottonwood Point, required evacuation. On the south of side of Hillsboro, one subdivision lost power when an electrical switch became submerged. (Most of narrative courtesy of Hillsboro Free Press)								